

EARLY ACTION PROJECTS

APPENDIX

SECTION IV

SUPPLEMENTAL INFORMATION



SECTION IV

SUPPLEMENTAL INFORMATION

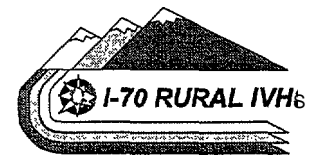
TERMINOLOGY

Acronyms are commonly used to identify intelligent transportation and advanced technology systems. Those commonly used terms, which may be referred to in this document, are defined below.

AAWS	Animal Alert Warning System
AFMS	Advanced Freeway Management Systems
AHS	Automated Highway System
AM	Amplitude Modulation
AM	Automated Mapping
APTS	Advanced Public Transportation Systems
ARTS	Advanced Rural Transportation Systems
ATIS	Advanced Traveler Information Systems
ATMS	Advanced Traffic Management Systems
AVC	Automatic Vehicle Classification
AVCS	Advanced Vehicle Control Systems
AVI	Automatic Vehicle Identification
AVL	Automatic Vehicle Location
BLM	Bureau of Land Management
BPS	Bits Per Second (data transmission rate)
CCTV	Closed-Circuit Television
CDOT	Colorado Department of Transportation
CIMC	Colorado Incident Management Coalition
CMS	Changeable Message Signs
CMS	Congestion Management System
CPU	Central Processing Unit
cs	Communications Systems Functional Area/Action Team Review Group
CSP	Colorado State Patrol
CTI	Colorado Transportation Institute
cvo	Commercial Vehicle Operations
cvo	Commercial Vehicle Operations Functional Area/Action Team Review Group
DCA	Data Collection/Aggregation Functional Area/Action Team Review Group
DIA	Denver International Airport
DRCOG	Denver Regional Council of Governments



EAP	Early Action Project
EEI	Environmental/Economic Impact Functional Area/Action Team Review Group
ER	Emergency Response Functional Area/Action Team Review Group
ET	Education/Training Functional Area/Action Team Review Group
ETC	Electronic Traffic Control
ETTM	Electronic Toll and Traffic Management
FCC	Federal Communications Commission
FHWA	Federal Highway Administration
FM	Frequency Modulation
FMS	Freeway Management Systems
FMS	Fixed Message Sign
FTA	Federal Transit Administration
FCC	Federal Communications Commission
FTMS	Freeway Traffic Management Systems
GIS	Geographic Information Systems
GPS	Global Positioning Systems
HAR	Highway Advisory Radio
HOV	High Occupancy Vehicle
IDEA	Innovations Deserving Exploratory Analysis
II	Institutional Issues Functional Area/Action Team Review Group
IMC	Incident Management Coalition
IMIS	Integrated Motorist Information System
ITS	Intelligent Transportation Systems (formerly IVHS)
IVHS	Intelligent Vehicle Highway Systems {presently ITS}
LCD	Liquid Crystal Display
LED	Light-Emitting Diode
LEO	Low-Earth Orbit (Satellite)
NHS	National Highway System
NTSC	National Television Standards Committee
NWRCOG	Northwest Regional Council of Governments
OVMD	Optical Vehicle-Motion Detector
PIO	Public Information Officer
PCN	Personal Communications Network
PPP	Public/Private Partnerships Functional Area/Action Team Review Group
PSCO	Public Service Company of Colorado
PTAM	Public Transportation/Alternative Mode Functional Area/Action Team Review Group



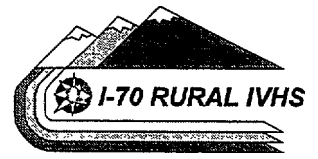
RICC	Regional Incident Control Center
RF	Radio Frequency
RTD	Regional Transportation District (Denver area public transportation authority)
SCADA	Supervisory Control and Data Acquisition Systems
SOV	Single Occupancy Vehicle
SSTC	Summit Stage Transfer Center
SW	Safety and Warning Functional Area/Action Team Review Group
TIS	Traveler Information Systems Functional Area/Action Team Review Group
TMO	Traffic Management/Operations Functional Area/Action Team Review Group
TOC	Traffic Operations Center
TRB	Transportation Research Board
TSM	Transportation Systems Management
TSCS	Traffic Surveillance and Control Systems
TWP	Twisted Pair (communications medium cable, usually copper)
UHF	Ultra High Frequency (television subcarrier broadcast)
VGTC	Vail/Gypsum Transit Center
VHF	Very High Frequency (television subcarrier broadcast)
VMS	Variable Message Signs
VMT	Vehicle Miles Travelled
WIM	Weigh-in-Motion
WIVIS	Weather Identifier and Visibility System

ACKNOWLEDGEMENTS

The I-70 Rural IVHS Study Team gratefully acknowledges the following individuals for their input, involvement, and concern in identifying transportation problems and needs and potential Early Action Projects for the I-70 West Corridor from Denver to Glenwood Springs.

Steering Committee :

Harvey Atchison, Colorado DOT, Division of Transportation Development
Sam Atencio, Colorado DOT, Region 1 Environmental
Lawrence Corcoran, Colorado DOT, ITS Program Office
Syd Bowcott, De Leuw, Cather & Company
C.P. Damon, FHWA Region 8 retired
Edward Fink, Colorado DOT, Region 1 Maintenance
Sandra Hayes, FHWA Colorado Division
Ardell Hoveskeland, De Leuw, Cather & Company
Terry Barela Huddleston, Colorado DOT, ITS Program Office



Pamela A. Hutton, Colorado DOT, Region 1 Traffic
Bruce Janson, University of Colorado at Denver
John P. Kiljan, Colorado DOT, ITS Program Office
Jeff Kolb, FHWA Region 8
Neil Lacey, Colorado DOT, ITS Program Office
Louis Lipp, Colorado DOT, Region 6 Traffic
Wayne Lupton, Colorado DOT, Region 3, Hanging Lake Tunnel
Robert Moston, Colorado DOT Region 3
James Nail, Colorado DOT, Region 3 Traffic
Timothy Penney, FHWA, Colorado Division
Richard Perske, Colorado DOT, Region 3 Preconstruction
David Ruble, Colorado DOT, Division of Transportation Development
Mike Salamon, Colorado DOT, Region 1, Eisenhower Tunnel
Clyde "Buck" Shrader, Colorado DOT, Region 3 Maintenance
Barbara McClure Schroeder, De Leuw, Cather & Company
John Smith, Colorado DOT, Region 3 Maintenance
Linda Sumpter Smith, Colorado State Patrol
Terri Tiehen, Colorado DOT, Region 1 Environmental
Jean Townsend, Coley/Forrest, Inc.
Ralph Trapani, Colorado DOT, Region 3 Mount Sopris Project
John Unbewust, Colorado DOT Region 1
Joyce Wenger, Battelle (formerly Kaman Sciences Corporation)

Action Team Review Groups:

Commercial Vehicle Operations:

Emilie Barton, Public Service Company
Keith Dameron, Colorado State Patrol
Del French, Colorado DOT, Region 3 Maintenance
Greg Fulton, Colorado DOT, CVO Division
Larry Huls, Department of Revenue, Motor Vehicle Division
Phil Vasquez, Department of Revenue, Port of Entry Division

***Communications Systems:***

Mike Borrego, Colorado Department of Administration, Division of Telecommunications
Pauline Haberman, Colorado DOT, Public Relations
Andy McMahon, Kaman Sciences Corporation
John Mitchell, Colorado State Patrol
Herb Nitz, De Leuw, Cather & Company
Peggy Paxson, Network System Solutions, Inc.
Mary Simon, ARINC Research Corporation
Conrad Sramek, Colorado DOT, Hanging Lake, Telecommunications Division
Dick Stenger, Colorado DOT, Eisenhower Tunnel

Data Collection/Aggregation :

Nancy Hemingway, Clear Creek County
Mary Simon, ARINC Research Corporation

Education/Training:

Toni Gatzen, Colorado DOT, Public Relations
Tom Mitchell, Colorado DOT, Training Division
Cynthia Neely, Town of Georgetown Planning Commission
Peggy Stokstad, Clear Creek County Economic Development Corporation
Paul Woods, Colorado DOT, Training Division

Emergency Services:

Kelly Babeon, Clear Creek County Emergency Services District
Fred Bitter-man, Colorado State Patrol, District 4
Rod DesGranges, Clear Creek County Emergency Services District
Louis Ennis, Colorado Department of Revenue
Dianna Litvak, Colorado Historical Society
Lyn Morgan, Eagle County Ambulance District
Mary Simon, ARINC Research Corporation
Francis .Winston, Lake Dillon Fire Authority

Environmental/Economic Impact:

Larry Abbott, Colorado DOT, Region 3 Environmental
Debra Angulski, Colorado DOT, Region 1 Environmental
Emilie Barton, Public Service Company
Joni Brookes, Colorado DOT, IVHS Operations Division
Ali Jmansepahi, Colorado DOT, Region 6 Traffic
Russell Forrest, Town of Vail, Office of Community Development



Donnette Oxley, Clear Creek County Emergency Response Service

Judith Pearl, CARE

Jerry Piffer, Colorado DOT, Region 6 Environmental

Joe Sands, Summit County Commission

Peggy Stokstad, Clear Creek County Economic Development Commission

Corey Wong, Clear Creek County Ranger District

Institutional Issues:

Bill Macy, City of Idaho Springs

Cynthia Neely, Town of Georgetown Planning Commission

Public/Private Partnerships:

Deborah Daniell, Colorado DOT, IVHS Research Division

Peggy Paxson, Network System Solutions, Inc.

Charlotte Robinson, State of Colorado, Office of the Attorney General

Peggy Stokstad, Clear Creek County Economic Development Corporation

Glenn Vaad, Colorado DOT, Legislative Liaison

Donna Villers, Colorado DOT, Purchasing Division

Public Transportation/Alternate Modes:

Janice Finch, Regional Transportation District, CDOT Liaison

Ali Imansepahi, Colorado DOT, Region 6 Traffic

Tom Mauser, Colorado DOT, Transit Division

Amy Ostrander, Summit Stage

Joe Tempel, Colorado DOT, Inter-modal Division

Jay Ufer, Resort Express

Safety/Warning:

Fred Bitterman, Colorado State Patrol, District 4

Bob Lucas, Retired

Larry Metternick, Town of Eagle

Guy Meyer, Garfield County

Matt Schultz, ARINC Research Corporation



Traffic Management/Operations:

Larry Grafel, Town of Vail, Department of Public Works/Transportation

Sally Hopper, State of Colorado Senate

Mary Jane Loevlie, Clear Creek County, I-70 Task Force

Mark Marchus, Town of Winter Park, Community Development

George Scheuerenstuhl, Denver Regional Council of Governments

Traveler Information Systems:

Joni Brookes, Colorado DOT, IVHS Operations Division

Tom Einboden, Colorado DOT, Staff Right-of-Way

Greg Hall, Town of Vail, Department of Public Works/Transportation

Karla Harding, Colorado DOT, Region 4 Traffic

Bob Lucas, Retired

Rennetta Lueckenhoff, Colorado Ski Country USA

Peggy Stokstad, Clear Creek County Economic Development Corporation